

Optimal Combination of Robustness and Superb Deliverability

**High RBP** for opening resistant lesions with quick deflation time

**Z-Tip** technology for crossing challenging lesions



Lowest Crossing Profile vs leading competitors\*



Robustness High RBP at 22atm\*\*



True Non-Compliant, Safety and Accuracy

Lowest growth rate\*



Superb Deliverability vs leading competitors\*

\*Based on in-house bench test results
\*\*Jade RX014





# High Pressure, Noncompliant Balloon Angioplasty for Long and Calcified Infrapopliteal and Inframalleolar Lesions is Feasible

Huizing, E., Kum, S., Adams, G., Ferraresi, R., De Vries, J. P. M., & Ünlü, Ç. (2020). Int Angiol., 39(5), 390–397.

#### **Aim**

To evaluate the safety, feasibility and effectiveness of high-pressure, noncompliant balloon angioplasty in the management of *long* infrapoplitealcalcified lesions

### **Study Design**

· Retrospective, multi-center trial, single arm study



 20 CLTI patients with 21 critically ischemic limbs and 23 lesions were analysed



 Angioplasty performed with JADE, pressure @ 22-24atm (90sec)



Follow up at 2<sup>nd</sup> and 3<sup>rd</sup> year

## **Lesion Characteristics**



97.3%



374.8 mm



85.7%



#### **Outcomes**

# PRIMARY ENDPOINT



95.7% TECHNICAL SUCCESS

# Results at 3 Year







# Take-home Message

- This study shows that a high-pressure, non-compliant balloon is feasible for the treatment of infrapopliteal and inframalleolar calcified lesions.
- High rate of technical success demonstrates use as an endovascular treatment option for complex lesions.



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